# Software Requirement Specification

# For

# Restaurant Billing System

Types of Users:

* Manager
* Chef

*R.1 Manager*

R.1.1 Add item :

Input : Item name.

Output : Success message.

R.1.2 Delete item :

Input : Item name.

Output : Success message.

R.1.3 Update item :

Input : Item Details.

Output : Updated details.

R.1.4 Display all item :

Input : User selection

Output : All list of items.

R.1.5 Manage Chef :

Description : Manager can add chef, remove chef , Edit chef details as per requirement.

R.1.5.1 Add chef :

Input : Chef details.

Output : Success message.

R.1.5.2 Remove chef :

Input : Chef name.

Output : Success message.

R.1.5.3 Edit chef :

Input : Chef details.

Output : Updated details.

*R.2 Chef*

R.2.1 Select item :

Input : item as selected by customer.

Output : Add to customer’s bill.

R.2.2 Adjust Quantity :

R.2.2.1 Add Quantity :

Input : User selection.

Output : Add to customer’s bill.

R.2.2.2 Remove Quantity :

Input : User selection.

Output : Remove from customer’s bill.

R.2.3 Customize Item :

Description : Chef can customize item as customer asked for.

Input : Customize option.

Output : Add amount to customer’s bill.

R.2.4 Create order :

Input : Order initiation.

Output: Success Message.

R.2.5 Update order :

Description: Chef selects state of the order so Customers are comes to know , where my order has been reached .

e.g. confirmed, preparing, ready .

Input : Select Order State.

Output: Update Order State Message .

R.2.6 Generate customer’s bill :

Description : After taking order of customer chef generates a bill. First chef ask for mobile number of customer and if it is matched with existing customer then chef not need to fill other details like customer’s name, birthdate otherwise chef needs to add customer’s details manually. Then chef accepts payment in terms of credit card, debit card, cash or other methods. After paying cash system generate bill receipt.

R.2.6.1 Fetch customer details :

Input : Customer’s mobile number.

Output : If he/she is existing customer then all details fill automatically otherwise chef needs to add details.

R.2.6.2 Generate bill receipt :

Input : User selection.

Output: Customer’s bill receipt.